

stated, it will be appreciated that numerous modifications and embodiments may be devised by those skilled in the art, and it is intended that the appended claims cover all such modifications and embodiments as fall within the true spirit and scope of the present invention.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:

1. A cementitious composition consisting essentially of an aluminous cement in an amount of 60 to 95 parts by weight; gypsum in an amount of 5 to 40 parts by weight; a first polymer latex emulsion, such that the percent polymer solids of the emulsion range from about 1 to 25 weight percent based on the amount of aluminous cement and gypsum in the cementitious composition; a surfactant in an amount sufficient to form a surface coating on the polymer solids to stabilize the emulsion and prevent coagulation or agglomeration thereof; and an antifoaming agent in an amount sufficient to prevent excess air entrapment in the composition and to prevent excessive foam when the composition is mixed with water.

2. A cementitious composition consisting essentially of an aluminous cement in an amount of 60 to 95 parts by weight; gypsum in an amount of 5 to 40 parts by weight; a first polymer latex emulsion, such that the percent polymer solids of the emulsion range from about 1 to 25 parts by weight; a second polymer latex emulsion such that the percent polymer solids of the second emulsion ranges from about 1 to 25 parts by weight; a surfactant in an amount sufficient to form a surface coating on the polymer solids to stabilize the emulsion and prevent coagulation or agglomeration thereof; and an antifoaming agent in an amount sufficient to prevent excess air entrapment in the composition and to prevent excessive foam when the composition is mixed with water.

3. The composition of claim 1 further consisting essentially of a lithium salt in an amount of about 0.01 to 0.5 weight percent based on the weight of the cementitious composition.

4. The composition of claim 1 which further consists essentially of adding Portland cement in an amount of about 0.1 and 25 weight percent based on the weight of the cementitious composition.

5. The composition of claim 1 which further consists essentially of adding aluminum sulfate in an amount of about 0.1 to 15 weight percent based on the weight of the cementitious composition.

6. A cementitious composition consisting essentially of an aluminous cement in an amount of between 75 and 90 parts by weight; gypsum in an amount of between about 10 and 25 parts by weight; a first polymer latex emulsion, such that the percent polymer solids of the emulsion ranges from about 1 to 10 weight percent based on the amount of aluminous cement and gypsum; a surfactant in an amount sufficient to form a surface coating on the polymer solids to stabilize the emulsion and prevent coagulation or agglomeration thereof; and an antifoaming agent in an amount sufficient to prevent excess air entrapment in the composition and to prevent excessive foam when the composition is mixed with water.

7. A cementitious composition consisting essentially of an aluminous cement in an amount of 75 to 90 parts by weight; a first polymer latex emulsion, such that the percent polymer solids of the emulsion ranges from about 1 to 10 parts by weight; a second polymer latex emulsion such that the percent polymer solids of the

second emulsion range from about 1 to 10 parts by weight; a surfactant in an amount sufficient to form a surface coating on the polymer solids to stabilize the emulsion and prevent coagulation or agglomeration thereof; and an antifoaming agent in an amount sufficient to prevent excess air entrapment in the composition and to prevent excessive foam when the composition is mixed with water.

8. The composition of claim 6 wherein the antifoaming agent is a polyorganosiloxane.

9. The composition of claim 6 further consisting essentially of a lithium salt in an amount of about 0.01 to 0.5 weight percent based on the weight of the cementitious composition.

10. The composition of claim 6 which further consists essentially of adding portland cement in an amount of about 0.1 and 25 weight percent based on the weight of the cementitious composition.

11. The composition of claim 6 which further consists essentially of aluminum sulfate in an amount of about 0.1 to 15 weight based on the weight of the cementitious composition.

12. The composition of claim 6 further consisting essentially of one or more of a viscosity control agent, a retarder, an accelerator, a gas generating agent, a gas releasing agent, flyash, a pumping aid, a water retentivity aid, a filler, or an aggregate.

13. The composition of claim 1 wherein the antifoaming agent is a polyorganosiloxane.

14. The composition of claim 1 further consisting essentially of one or more of a viscosity control agent, a retarder, an accelerator, a gas generating agent, a gas releasing agent, flyash, a pumping aid, a water retentivity aid, a filler, or an aggregate.

15. A cementitious composition consisting essentially of an aluminous cement in an amount of between 75 and 90 parts by weight; gypsum in an amount of between about 10 and 25 parts by weight; a first polymer latex emulsion, such that the percent polymer solids of the emulsion ranges from about 1 to 10 weight percent based on the amount of aluminous cement and gypsum; and a surfactant in an amount sufficient to form a surface coating on the polymer solids to stabilize the emulsion and prevent coagulation or agglomeration thereof.

16. The composition of claim 15 further consisting essentially of an antifoaming agent in an amount sufficient to prevent excess air entrapment in the composition and to prevent excessive foam when the composition is mixed with water.

17. The composition of claim 16 wherein the antifoaming agent is a polyorganosiloxane.

18. The composition of claim 15 further consisting essentially of a lithium salt in an amount of about 0.01 to 0.5 weight percent based on the weight of the cementitious composition.

19. The composition of claim 15 which further consists essentially of adding Portland cement in an amount of about 0.1 and 25 weight percent based on the weight of the cementitious composition.

20. The composition of claim 15 wherein the polymer is a styrene-butadiene copolymer.

21. The composition of claim 15 further consisting essentially of one or more of a viscosity control agent, a retarder, an accelerator, a gas generating agent, a gas releasing agent, flyash, a pumping aid, a water retentivity aid, a filler, or an aggregate.

22. The composition of claim 15 further consisting essentially of a water reducing compound in an amount